

CoreTechnologie launches major updates to its 3D_Evolution and 3D_Analyzer software packages with the EDM (Enterprise Batch Manager)

1888PressRelease - CoreTechnologie (CT) launches its new 3D_Evolution and 3D_Analyzer 4.0, software conversion packages that have gone beyond basic data translation and analysis. This new version takes CAD, CAE and CAM automation to new levels, driving time and cost efficiency in the Product Lifecycle Management (PLM) process.

Southfield, Michigan - Armin Brüning, COO of CT states "The manufacturing industry has demanded greater efficiencies with more functionality as it relates to PLM processes. With the latest version of our software, CT has responded with analysis tools that allow users to not only validate and compare geometry, assembly and PMI, but also attributes and features. In addition, the ability to check drafts and undercuts; link detection, collision and thickness checker; with configurations to change mesh density." "Enhancements also include major improvements to its intuitive graphic interface, new sketcher capabilities and creation of direct modeling, amongst many other upgrades "Brüning adds.

Gauthier Wahu, CTO of CT, "These enhancements have been three years in the making and our most significant to date and we are delighted with the results of our efforts. One of our many goals was to create an intuitive GUI interface that represented ease-of-use while understanding the functions of each workbench that are needed when manipulating data. The new streamlined interface design allows click-of-a-button functionality with configuration options that automatically appear thus eliminating pull down menus."

The launch of the Enterprise Data Management (EDM) software which encompasses Digital Mock-Up (DMU) technology based on Structured Query Language (SQL) and Batch Manager that automates the engineering chore by allowing intelligent scripting. This web-based interface allows access to users across the globe to process 3D data in any CAD format as well as interact with the modules within CT's 3D_Evolution®'s product for example: Geometry Simplification, Model Compare and Feature-to-Feature migration.

The DMU module optimizes collision computation and model capture while supporting large datasets. The Collision Detection module offers the ability to name a project and compare assembly files and parts with ease. Updating the project with version control while computing only the variances is an added benefit. The SQL database allows users to quickly and easily visualize collided parts while excluding standard components. The advanced options allow for the import of a csv file to add non-relevant or excluded parts to the project.

The Batch Manager module takes advantage of the standard built-in scripts that offer functions to automate simplification, data conversion with healing and stitching, model comparison and FEM tools. Users can specify a tolerance and select functions while converting to the target applications like merging bodies, transform assemblies, trim faces, extend faces and flip surface normals. The resultant log files can be effortlessly accessed within the web interface using any web browser.

About CoreTechnologie

CT CoreTechnologie headquartered in Frankfurt, Germany; is the leading provider of 3D Computer Aided Design (CAD) translation software known as 3D_Evolution® (Conversion, Repair, Simplification, Analysis), 3D_Analyzer (CAD Viewer) and 3D_Kernel_IO (CAD interoperability API). The company's mission is to optimize the interoperability space and help organizations to effectively share engineering data in the product lifecycle management (PLM) process. Learn more at <http://www.coretechnologie.com/>

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